

REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)

PAGE 1 OF 2

DATE: 21 November 2011

TO: The Record

FROM: U.S. Army Corps of Engineers
 26 Federal Plaza, ATTN: CENAN-OP-ST
 New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:

Newark Bay, Hackensack and Passaic Rivers – Port Newark and Port Newark
 Pierhead Channels, New Jersey

**MINIMUM DEPTHS IN
 CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach D: Port Newark Branch Reach: From GREEN DAY MARKER #19A to a point approximately 750 feet landward of GREEN CAN #3.	Map 924 Pg 2; 17, 20 & 27 Jun 2011. Map 923 Pg 6 of 9; 13-15, 22,27 Jun 2011	400- 1,790	0.37	40	26.4	37.4	35.2	29.5
Reach E: Port Newark Inshore Reach: From a point approximately 750 feet landward of GREEN CAN #3 to the END of Port.	Map 924 Pg 2-4; 17, 20 & 27 Jun 2011.	400	1.06	40	33.0	31.7	30.7	30.6

REMARKS:

- All depths are in reference to Mean Low Water (MLW).
- Channel Length is in nautical miles.

NEWARK BAY:

○ **Reach D:**

Shoaling exists along much of the entire reach. A navigable path where project depth is available, throughout the entire length of this reach, ranges from 35 feet to 950 feet wide.

○ **Reach E:**

There are three significant areas of shoaling in this reach.

1. The first shoal commences at the start of the reach in the left and right outside quarters and into the left and right inside quarters to a point approximately adjacent to Export Street, 3,260 feet landward from GREEN CAN #3.
2. The second shoal commences in the left and right outside quarters and into the left and right inside quarters of the reach from approximately 550 feet landward of Export Street, 3,900 feet landward from GREEN CAN #3 to 1,650 feet landward of the end of the reach.
3. The third shoal exists along the landward most 1,280 feet of the reach, from the left outside quarter to the right outside quarter.

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-306)</i>					PAGE 2 OF 2		
TO: The Record					FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack and Passaic Rivers – Port Newark and Port Newark Pierhead Channels, New Jersey					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Reach F: Pt. Newark Pierhead Reach From RED NUN #4 to GREEN CAN #3.	Map 924 Pg 1&2; 17, 20 & 27 Jun 2011.	300- 750	0.65	40	31.4	30.8	27.9
REMARKS: <ul style="list-style-type: none"> All depths in MLW. Channel length is in nautical miles. 							
NEWARK BAY <ul style="list-style-type: none"> Reach F: Shoaling exists along much of the entire reach. 							